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Docket No.: CWRU-P01-044 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Sanford D. Markowitz

Application No.: 10/650,112

Confirmation No.: 5888

Filed: August 26, 2003

Art Unit: 1642

For:

METHODS FOR TREATING PATIENTS

Examiner: S. L. Rawlings

AND IDENTIFYING THERAPEUTICS

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application aired by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark has waived this requirement for all U.S. patent applications. Applicant submits herewith of foreign and non-patents in accordance with 37 CFR 1.98(a)(2). as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Application No.: 10/650112 Docket No.: CWRU-P01-044

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 18-1945 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. CWRU-P01-044. A duplicate copy of this paper is enclosed.

Dated: August 26, 2005

Respectfully submitted,

John D. Quisel

Registration No.: 47,874

ROPES & GRAY LLP

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(617) 951-7000

(617) 951-7050 (Fax)

Attorneys/Agents For Applicant

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pplication No. (if known): 10/650112

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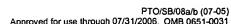
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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1 of 2

Complete if Known				
Application Number	10/650112			
Filing Date	August 26, 2003			
First Named Inventor	Sanford D. Markowitz			
Art Unit	1642			
Examiner Name	S. L. Rawlings			
Attorney Docket Number	CWRU-P01-044			

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA*	US-2004/0005563-A1	01-08-2004	Mack, et al.		
	AB*	US-2003/0232350-A1	12-18-2003	Afar, et al.		
				PATENT DOCUMENTS		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	ВА	-WO 99/38881	08-05-1999	Human Genome Sciences Inc.				
	BB	-WO 01/75067	10-11-2001	Hyseq, Inc.				
	BC	-WO 01/90357	11-29-2001	Genesis Res. Dev. Corp.				
	BD	-WO 02/21996	03-21-2002	EOS Biotechnology, Inc.				
	BE	-WO 02/30268	04-18-2002	EOS Biotechnology, Inc.				
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	BG	-WO 02/068677	09-06-2002	EOS Biotechnology et al.				
	ВН	-WO 04/018647	03-04-2004	Case Western Reserve Univ.				

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	•	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
	CA	Alon, U. et al. Broad patterns of gene expression revealed by clustering analysis of tumor and normal colon tissues probed by oligonucleotide arrays. PNAS 96, 745-6750 (June 1999).				
	CB Bieller, A. et al. Isolation and Characterization of the Human Forkhead Gene FOXQ1. DNA Cell Biol. 20, 555-561 (2001).					
	CC Deng, G. et al. Methylation of CpG in a Small Region of the hMLH1 Promoter Invariably Correlates with the Absence of Gene Expression. Cancer Res. 59, 2029-2033 (1 May 1999).					
	CD Esteller, M. et al. Detection of Aberrant Promoter Hypermethylation of Tumor Suppressor Genes in Serum DNA from Non-Small Cell Lung Cancer Patients. Cancer Res. 59, 67-70 (1 January 1999).					
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	CI	GenBank Accession No. BAA92054 (16 Feb. 2000).				
	CJ	GenBank Accession No. AY007815 (29 Aug. 2000).				
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Examiner Signature		Date Considered				

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		•		Application Number	10/650112		
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Sheet	2	of	2	Attomey Docket Number	CWRU-P01-044		

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co	Hibi, K. et al. Molecular Detection of Genetic Alterations in the Serum of Colorectal Cancer
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	Cell Biol. 139, 1025-1032 (17 Nov. 1997).
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CH1	Guo HH, et al. Proc. Natl. Acad. Sci. USA. 2004 Jun 22; 101 (25): 9205-10, Protein tolerance
	to random amino acid change

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date
Signature	Considered
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.